**Figure 1**

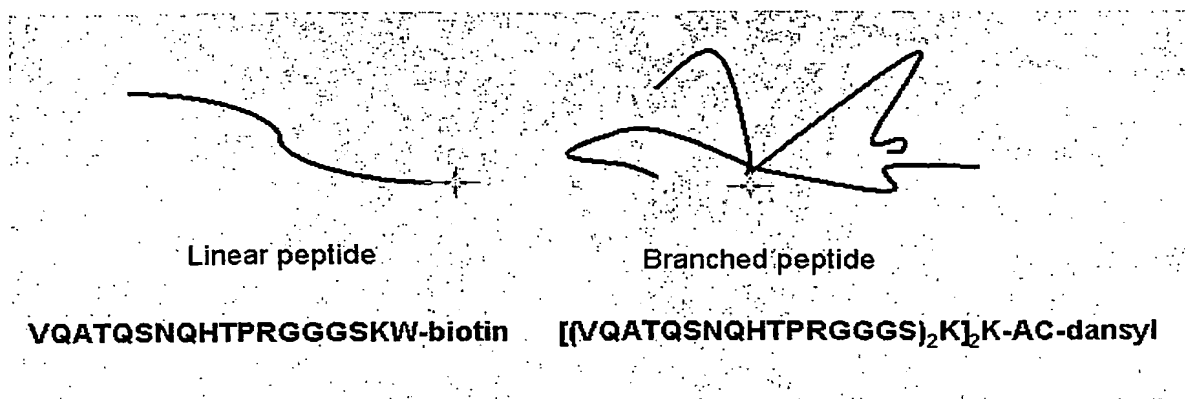


Figure 2

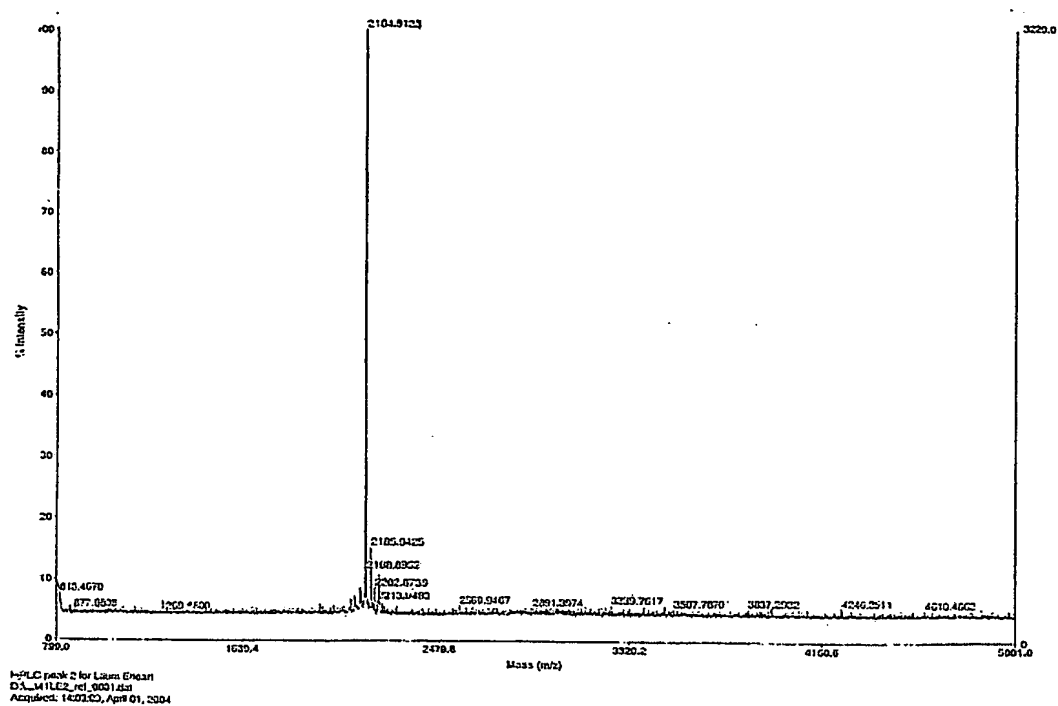


Figure 3

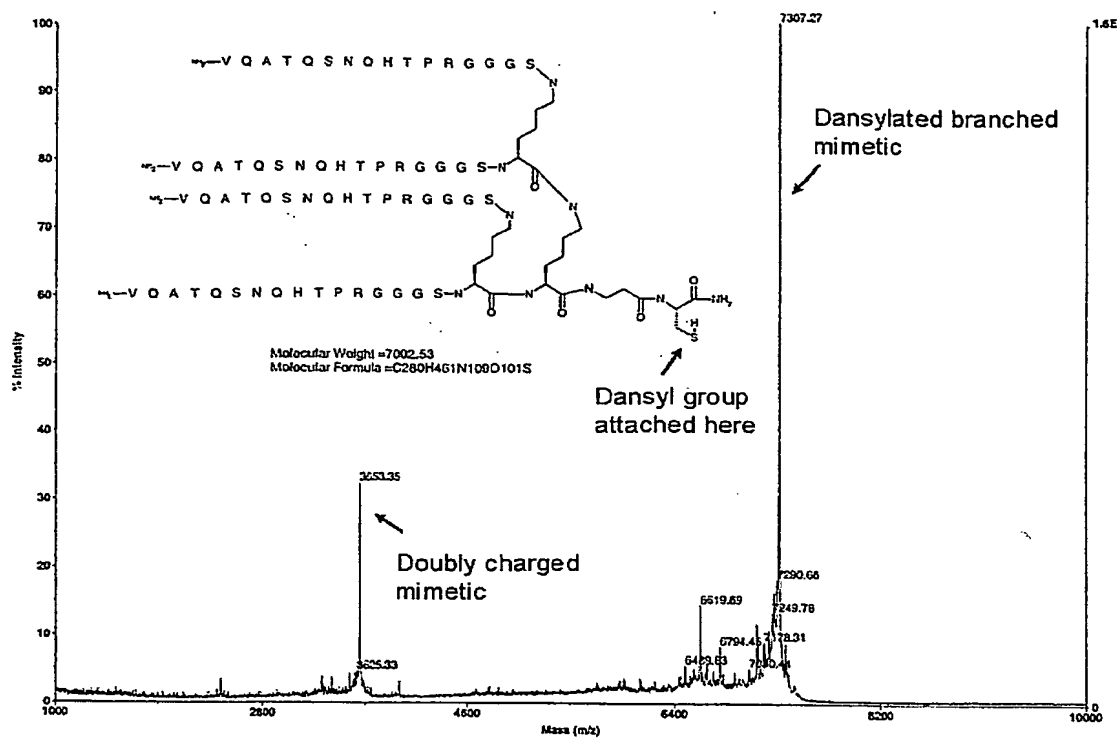
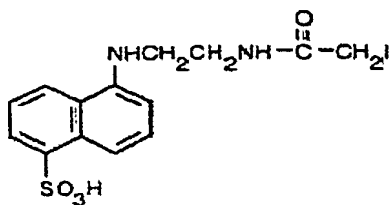


Figure 4.

**5-((((2-iodoacetyl)amino)ethyl)amino)naphthalene-1-sulfonic acid
(1,5-IAEDANS)****Molecular Formula:** $C_{14}H_{15}IN_2O_4S$ **Molecular Weight:** 434.25**CAS** 36930-63-9 / 1-Naphthalenesulfonic acid,**Number/Name:** 5-((2-((iodoacetyl)amino)ethyl)amino)-**Figure 5**

Amino acid sequence of polypeptide encoded in sequence in capital letters in A.

Met

LCADYSENTFTEYKKKLAERLKAKLPDATPQATQSNQHTPRGGGSELAKL
VNHSDFASNCCSINSPPLYCDSEIDAELKNILHHHHHH

Figure 6

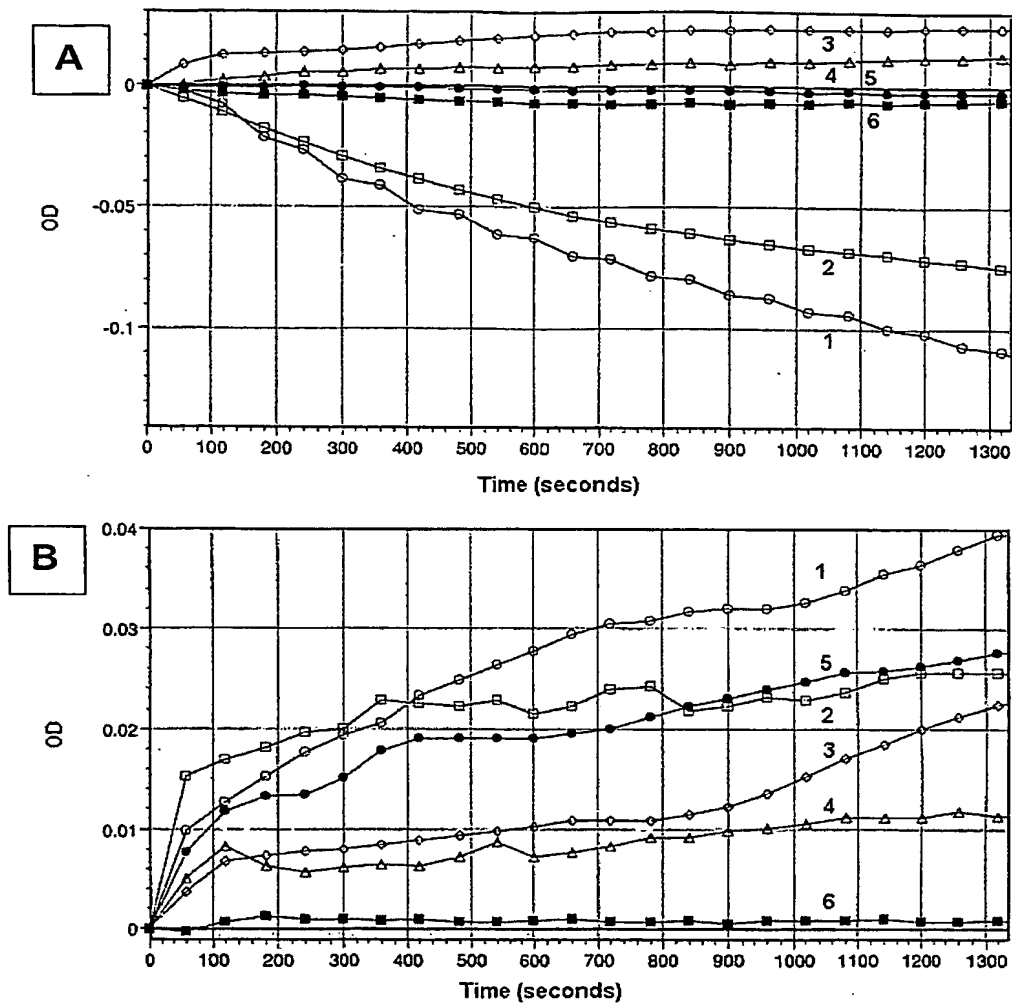


Figure 7

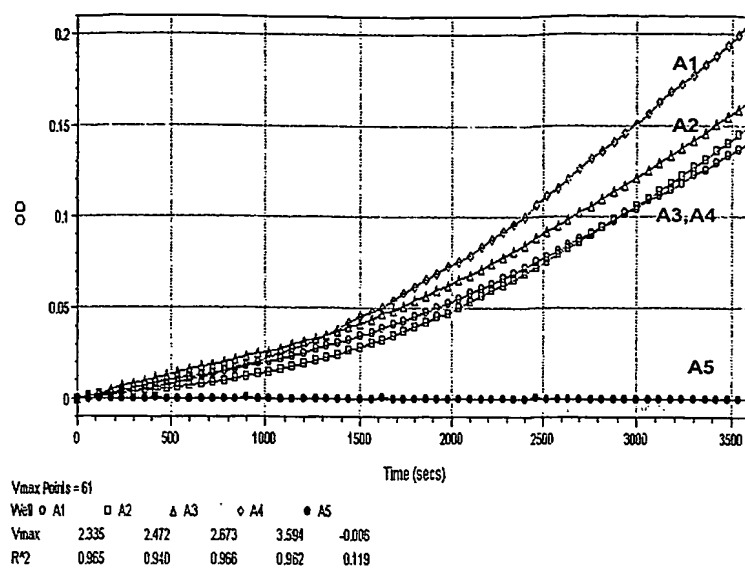


Figure 8

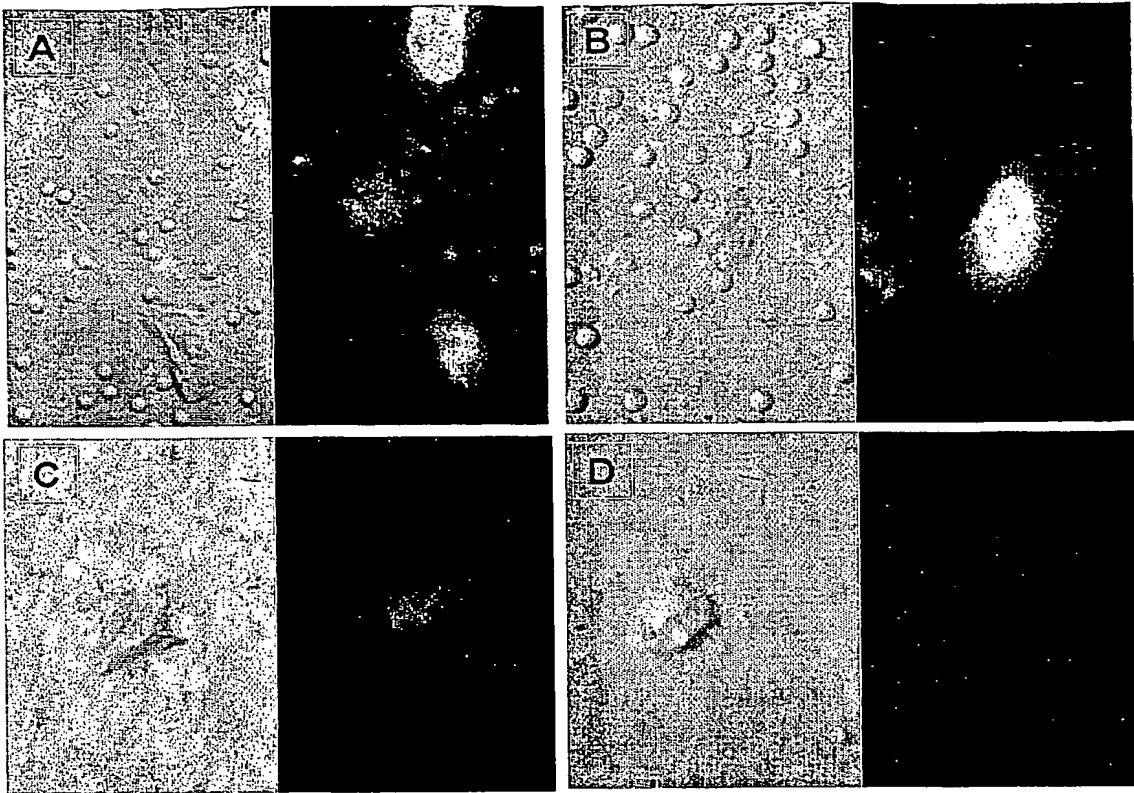


Figure 9